

OIPE

2  
 RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/996,357

DATE: 12/05/2001  
 TIME: 10:09:34

Input Set : A:\seqlist.txt  
 Output Set: N:\CRF3\11212001\I996357.raw

**ENTERED**

3 <110> APPLICANT: Gefter, Malcolm L  
 4 Isreal, David I  
 5 Joyal, John L  
 6 Gosselin, Michael  
 8 <120> TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR  
 9 TREATING AN AMYLOIDOGENIC DISEASE  
 11 <130> FILE REFERENCE: PPI-105  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/996,357  
 C--> 14 <141> CURRENT FILING DATE: 2001-11-27  
 16 <150> PRIOR APPLICATION NUMBER: 60/253,302  
 17 <151> PRIOR FILING DATE: 2000-11-27  
 19 <150> PRIOR APPLICATION NUMBER: 60/250,198  
 20 <151> PRIOR FILING DATE: 2000-11-29  
 22 <150> PRIOR APPLICATION NUMBER: 60/257,186  
 23 <151> PRIOR FILING DATE: 2000-12-20  
 25 <160> NUMBER OF SEQ ID NOS: 13  
 27 <170> SOFTWARE: PatentIn Ver. 2.0  
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 30 <211> LENGTH: 43  
 31 <212> TYPE: PRT  
 32 <213> ORGANISM: Homo sapiens  
 34 <400> SEQUENCE: 1  
 35 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys  
 36 1 5 10 15  
 38 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile  
 39 20 25 30  
 41 Gly Leu Met Val Gly Val Val Ile Ala Thr  
 42 35 40  
 45 <210> SEQ ID NO: 2  
 46 <211> LENGTH: 4  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Homo sapiens  
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 52 1  
 55 <210> SEQ ID NO: 3  
 56 <211> LENGTH: 5  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Homo sapiens  
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 62 1 5  
 65 <210> SEQ ID NO: 4  
 66 <211> LENGTH: 8  
 67 <212> TYPE: PRT  
 68 <213> ORGANISM: Homo sapiens  
 70 <400> SEQUENCE: 4

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71 Ala Gly Ala Ala Ala Ala Gly Ala  
72 1 5  
75 <210> SEQ ID NO: 5  
76 <211> LENGTH: 5  
77 <212> TYPE: PRT  
78 <213> ORGANISM: Homo sapiens  
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81 Ala Ile Leu Ser Ser  
82 1 5  
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86 <211> LENGTH: 36  
87 <212> TYPE: DNA  
88 <213> ORGANISM: Artificial Sequence  
90 <220> FEATURE:  
91 <223> OTHER INFORMATION: Description of Artificial Sequence:primers  
93 <400> SEQUENCE: 6  
94 ctggttccgc gtggatccgt gcccaggat tgtggt 36  
96 <210> SEQ ID NO: 7  
97 <211> LENGTH: 33  
98 <212> TYPE: DNA  
99 <213> ORGANISM: Artificial Sequence  
101 <220> FEATURE:  
102 <223> OTHER INFORMATION: Description of Artificial Sequence:primers  
104 <400> SEQUENCE: 7  
105 attaaggattt ctagatcatt taccaggaga gtg 33  
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108 <211> LENGTH: 22  
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110 <213> ORGANISM: Homo sapiens  
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113 Met Asp Ala Met Lys Arg Gly Leu Cys Cys Val Leu Leu Leu Cys Gly  
114 1 5 10 15  
116 Ala Val Phe Val Ser Pro  
117 20  
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121 <211> LENGTH: 15  
122 <212> TYPE: PRT  
123 <213> ORGANISM: Homo sapiens  
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131 <211> LENGTH: 232  
132 <212> TYPE: PRT  
133 <213> ORGANISM: Homo sapiens  
135 <400> SEQUENCE: 10  
136 Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala  
137 1 5 10 15  
139 Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro

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140	20	25	30	
142	Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val			
143	35	40	45	
145	Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val			
146	50	55	60	
148	Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln			
149	65	70	75	80
151	Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln			
152	85	90	95	
154	Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala			
155	100	105	110	
157	Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro			
158	115	120	125	
160	Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr			
161	130	135	140	
163	Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser			
164	145	150	155	160
166	Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr			
167	165	170	175	
169	Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr			
170	180	185	190	
172	Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe			
173	195	200	205	
175	Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys			
176	210	215	220	
178	Ser Leu Ser Leu Ser Pro Gly Lys			
179	225	230		
182	<210> SEQ ID NO: 11			
183	<211> LENGTH: 804			
184	<212> TYPE: DNA			
185	<213> ORGANISM: Artificial Sequence			
187	<220> FEATURE:			
188	<223> OTHER INFORMATION: Description of Artificial Sequence:alpha-beta(16-30)Fc			
190	<400> SEQUENCE: 11			
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192	aagttgtat tcttcgcaga agacgtcgga tcgaacaaag gtgccgagcc caaatcttgt 120			
193	gacaaaactc acacatgccc accgtgccca gcacctgaac tcctgggggg accgtcagtc 180			
194	tccctttcc cccaaaaacc caaggacacc ctcatgatat cccggaccccc tgaggtcaca 240			
195	tgcgtgtgg tggacgtgag ccacgaagac cctgaggtca agttcaactg gtacgtggac 300			
196	ggcgtggagg tgcataatgc caagacaaag ccgcgggagg agcagtacaa cagcacgtac 360			
197	cgggtggtca gcgtcctcac cgtcctgcac caggactggc tgaatggcaa ggagtacaag 420			
198	tgcaaggtct ccaacaaagc cctcccgacc cccatcgaga aaaccatctc caaacccaaa 480			
199	gggcagccccc gagaaccaca ggtgtacacc ctgccccat cccgggatga gctgaccaag 540			
200	aaccaggtaa gcctgacctg cctggtcaaa ggcttctatc ccagcgacat cgccgtggag 600			
201	tgggagagca atgggcagcc ggagaacaac tacaagacca cgcctccgt gctggactcc 660			
202	gacggctct tcttcctcta cagcaagctc accgtggaca agacgaggta gcaagcagggg 720			
203	aacgttct catgtccgt gatgtcatgag gctctgcaca accactacac gcagaagac 780			
204	ctctccctgt ctccggtaa atga		804	
206	<210> SEQ ID NO: 12			

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207 ..211 LENGTH: 267  
 208 ..212 TYPE: PRT  
 209 ..213 ORGANISM: Artificial Sequence  
 211 ..220 FEATURE:  
 212 ..223 OTHER INFORMATION: Description of Artificial Sequence:alpha-beta(16-30)Fc  
 214 ..400> SEQUENCE: 12

215 Met	Asp	Ala	Met	Lys	Arg	Gly	Leu	Cys	Cys	Val	Leu	Leu	Cys	Gly	
216 1				5				10					15		
218 Ala	Val	Phe	Val	Lys	Leu	Val	Phe	Phe	Ala	Glu	Asp	Val	Gly	Ser	Asn
219				20				25					30		
221 Lys	Gly	Ala	Glu	Pro	Lys	Ser	Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro
222				35				40					45		
224 Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro
225				50				55					60		
227 Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr
228	65			70				75					80		
230 Cys	Val	Val	Val	Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn
231				85				90					95		
233 Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg
234				100				105					110		
236 Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val
237				115				120					125		
239 Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser
240				130				135					140		
242 Asn	Lys	Ala	Leu	Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys
243	145				150				155					160	
245 Gly	Gln	Pro	Arg	Glu	Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp
246				165				170					175		
248 Glu	Leu	Thr	Lys	Asn	Gln	Val	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe
249				180				185					190		
251 Tyr	Pro	Ser	Asp	Ile	Ala	Val	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu
252				195				200					205		
254 Asn	Asn	Tyr	Lys	Thr	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe
255	210				215				220						
257 Phe	Leu	Tyr	Ser	Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly
258	225				230				235					240	
260 Asn	Val	Phe	Ser	Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr
261				245				250					255		
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268 <211>	LENGTH:	247													
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270 <213>	ORGANISM:	Homo sapiens													
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274	1				5				10					15	
276 Pro	Lys	Ser	Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro
277					20				25					30	

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279 Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys  
280 35 40 45  
282 Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val  
283 50 55 60  
285 Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp  
286 65 70 75 80  
288 Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr  
289 85 90 95  
291 Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp  
292 100 105 110  
294 Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu  
295 115 120 125  
297 Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg  
298 130 135 140  
300 Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys  
301 145 150 155 160  
303 Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp  
304 165 170 175  
306 Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys  
307 180 185 190  
309 Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser  
310 195 200 205  
312 Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser  
313 210 215 220  
315 Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser  
316 225 230 235 240  
318 Leu Ser Leu Ser Pro Gly Lys  
319 245

**VERIFICATION SUMMARY**

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L:13 M:270 C: Current Application Number differs, Replaced Application Number  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date